

AIM Ann Report
1892 to 1893

ANNUAL REPORT

OF THE

Auckland Institute

AND

MUSEUM

For 1892-93.

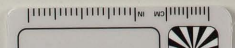
Adopted at the Annual Meeting held February 20, 1893.

Auckland :

WILSONS AND HORTON, PRINTERS, HERALD OFFICE, QUEEN AND WYNDHAM STREETS.

MDCCCXCIII.

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Auckland Institute
AND
MUSEUM

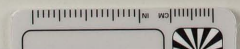
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OFFICERS

OF THE

AUCKLAND INSTITUTE.



President:

PROFESSOR POND.

Vice-Presidents:

PROF. F. D. BROWN, F.C.S.

J. STEWART, Esq., C.E.

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BERRY, W. Esq.

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COOPER, C., Esq.

ROBERTON, E., M.D.

MUELLER, G., Esq.

SMITH, T. H., Esq.

PEACOCK, T., Esq.

THOMAS, PROF. A. P. W., F.L.S.

POND, J. A., Esq., F.C.S.

UPTON, J. H., Esq.

WITHY, E., Esq.

Trustees:

MACKFCHNIE, E. A., Esq.

SMITH, S. P., Esq., F.R.G.S.

PEACOCK, T., Esq.

Secretary and Treasurer:

T. F. CHEESEMAN, Esq., F.L.S., F.Z.S.

Auditor:

W. GORRIE, Esq.


THE FOLLOWING

Magazines and Periodicals

ARE CIRCULATED AMONG THE MEMBERS :

Quarterly Journal of Microscopical Science
The Ibis
Nature
Geological Magazine
Lancet
Scientific American
The Academy
Knowledge
Botanical Magazine
Annals of Botany
Gardeners' Chronicle
Chemical News
Engineering
Science Gossip
Electrical and Telegraphic Review
Annals and Magazine of Natural History
The Philosophical Magazine
American Journal of Science
The New Zealand Medical Journal

⇒ REPORT OF THE COUNCIL, ⇐

HE Council have the pleasure of submitting to the members their Twenty-fifth Annual Report upon the progress and general condition of the Institute.

Members.—The number of members on the register on the 1st of February, 1893, was 187, of which 13 are life members, and 174 annual subscribers. The total number of new members elected during the year has been 15. On the other hand, 23 names have been withdrawn—three from death, seven from resignation, and 13 from non-payment of subscriptions for two consecutive years. There has thus been a net decrease of eight during the year. The recent improvement in the condition and prospects of the colony induces the Council to hope that the number of members will in the future show a regular and satisfactory increase. In keeping up a Museum for the instruction and amusement of the public, the Institute is performing a work which, in other parts of New Zealand and in Australia, is solely made a charge upon the public funds. The Council therefore feel that the Institute deserves more support from those who are able to afford it, and trust that the present members will use their influence to introduce new subscribers.

Finance.—The balance-sheets appended to the report give full information respecting the financial position of the Society, but a brief synopsis will doubtless be useful to the members. The total income credited to the General Account has been £2,305 13s. 9d., but this includes a sum of £1,500 withdrawn from investment to meet the cost of the new addition to the Museum, so that the ordinary income may be stated at £805 13s. 9d. Last year the amount was £736 10s. 7d. The interest on the invested funds of the Costley bequest has been £482 5s., and the Museum Endowment has yielded in rents and interest £162 11s. 9d. The members' subscriptions amount to £133 7s., a sum slightly under that realised last year. The total expenditure has been £2,295 15s. 9d.; but, as in the case of the income, this sum should be divided into two portions—one representing the ordinary expenditure incurred in the maintenance of the Institute and Museum, amounting to £763 2s., the other the cost of the new hall and its fittings, equalling £1,532 3s. 9d. Part of this, it will be remembered, was shown on last year's balance-sheet as an overdraft at the bank. The position of the invested funds of the Institute may

AIM Ann Report

1892 to 1893

be regarded as satisfactory. The total amount at the present time is £11,370 10s. 10d. As previously stated, £1,500 have been withdrawn during the year; but, on the other hand, £1,418 1s. have been added, so that the reduction since the last annual meeting is very small indeed. The Council consider that the members are to be congratulated on the fact that, notwithstanding the large cost of the new building, every liability in connection with it has been discharged, and that yet the capital of the Institute barely shows an appreciable reduction.

Museum Endowment.—There is but little to report under this head. The second payment of £1,000 on account of the Waikanae Block has been received, and placed at fixed deposit, together with the proceeds of the sale of the Patutahi Block, to hand just before the last annual meeting. A few small sales have also been effected, but, as a rule, the adoption of the perpetual lease system makes it difficult to dispose of country lands at satisfactory prices.

Meetings.—Nine meetings have been held during the year, at which the following papers have been read and discussed :—

1. Introductory Address :—By the President, Prof. F. D. BROWN.
2. On the Occurrence of Granite and Gneissic Rocks in the King Country :—By J. PARK, F.G.S.
3. Evolutionary Ethics :—By the Rev. J. BATES.
4. The Aryans in their Primitive Home :—By Prof. POND.
5. On the Occurrence of the Luth or Leathery Turtle in New Zealand :—By T. F. CHEESEMAN, F.L.S.
6. On a new Wave Machine :—By Prof. F. D. BROWN.
7. On some Peculiarities of the Maori Language :—By F. D. FENTON.
8. The Effect of the Introduction of Deer on the New Zealand Forest :—By the Rev. P. WALSH.
9. Exhibition of a Model Geyser, designed by Mr. C. Malfroy :—By J. MARTIN.
10. Maori Nomenclature :—By Judge T. H. SMITH.
11. An Army of Defenders—a popular account of Metchnikoff's Discoveries concerning the power of resistance against Disease :—By Prof. A. P. THOMAS.
12. Sanitation and Ventilation, as required in a Modern House :—By E. WITTH.
13. New Species of Araneæ : By A. T. URQUHART.

14. New Species of Coleoptera :—By Captain BROWN.
15. The Causes of Fires on Shipboard :—By J. C. FIRTH.
16. Notice of a Gigantic Sunfish stranded at Gisborne :—By Archdeacon W. L. WILLIAMS.

Most of the above will be printed in the 25th volume of "Transactions of the New Zealand Institute," now being sent to press.

Museum.—The number of visitors to the Museum has largely increased during the year. On Sunday afternoons a register has been kept by the janitor, showing that 10,528 persons have entered the building on that day, being an average of 202 for each Sunday. On week-days the visitors have been occasionally counted, and, although an accurate estimate cannot be given, it is believed that the average attendance has been about 110. Excluding certain days, on which the Museum was closed for cleaning, etc., this would give an attendance of 32,780 on week-days, or a total of 43,308 for the year.

In last year's report the Council fully stated the reasons that had induced them to enlarge the Museum. As the addition is now completed and opened to the public, it is desirable to give the members some information respecting its construction and cost, and the use to which it has been applied. It consists of a hall, 100ft. in length by 50ft. in breadth, placed on the south side of the main building, and at right angles to it. It is substantially built of brick, with concrete floor, and is roofed with iron and glass, being practically fireproof. The contract for its erection was secured by Mr. J. J. Holland, for the sum of £1,035, afterwards increased by a few extras to £1,074 17s. 6d. To this has to be added the architect's commission, the cost of the show-cases—always an expensive item in Museums—of the gas-fittings, of the renovation of the Maori war-canoe, and erection of the Maori house, together with the expenses incurred in suitably mounting and labelling the exhibits. These items amount in the aggregate to £457 16s. 3d., raising the total expenditure in connection with the building to £1,532 13s. 9d.

As the members are aware, the new hall has been devoted to the exhibition of the ethnological portion of the Museum collections, and particularly to that part illustrating the habits and mode of life of the Maori race. By following this course, a considerable number of large exhibits, many of which were necessarily scattered here and there in the old building—thus seriously interfering with any systematic arrangement of the contents—have been brought together and arranged on a definite plan. The main building has been freed from a mass of heterogeneous articles, while the Maori collection, now by far the most complete in the colony, has been

AIM Ann Report

1892 to 1893

suitably displayed and exhibited. With the intention of rendering the collection as useful as possible to visitors, the whole of the specimens in the show-cases have been mounted on suitable stands. Each article is placed in a position which will allow it to be readily seen and examined, and is provided with a full descriptive printed label. The labour expended in doing this has been great, but it is satisfactory to know that the result has met with the approval of those visitors qualified to judge. The building was formally opened to the public by a *conversazione* of members and their friends, held on October 29th. The Council have to thank His Excellency Lord Glasgow for kindly presiding on the occasion.

So much of the Curator's time has been taken up with the arrangement of the ethnological collections, that it has been impossible to make any changes of importance in the main building. It is intended, however, to entirely re-arrange the contents at an early date, and it is hoped that the additional space now available will allow many improvements to be made in the arrangement of the specimens, and in the mode of displaying them. A considerable number of additions and donations have been received during the year, a full list of which will be found appended to the report.

Library.—Few additions have been made to the Library during the year, beyond the usual exchanges and presentations from foreign societies. The Institute still continues to subscribe for the publications of the leading English scientific societies, as also for several scientific periodicals and magazines, a list of which will be found on another page. The Council regret that they have been unable to provide better accommodation for the Library, which is now in a very crowded condition. Not only is there a lack of shelving room for any additions that may be made, but the table-room and other conveniences for readers are most inadequate. A new Library Catalogue is also urgently wanted, and would be much appreciated by those members desiring to make frequent use of the books.

Conclusion.—In concluding the report, the Council wish to tender the thanks of the Institute to Messrs. W. K. Graham and Co., and Mr. Hugh Craig, for their kind services as agents of the Institute in London and San Francisco. They also trust that the public generally will afford that support and encouragement which is certainly due to an institution whose chief aim is to secure the advancement of knowledge, and the diffusion of scientific and practical information.

A vertical ruler with markings in centimeters (CM) and inches (IN). To the left of the ruler is a target pattern consisting of a series of black and white concentric arcs, resembling a fan or a target.

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MUSEUM ENDOWMENT ACCOUNT

FEBRUARY 17, 1892, TO FEBRUARY 14, 1893.

	£	s.	d.		£	s.	d.
Balance in Bank of New Zealand, Feb. 17, 1892				Insurance, Agency, and other Expenses	10	3	3
(Sales of Lands)	425	1	5	Crown Grant Fee returned to Receiver of Land			
Endowments Sold	1,063	3	7	Revenue	1	0	0
Rents of Endowments	77	1	1	Transferred to General Account	162	11	9
Interest on Investments	95	13	11	Lodged at Fixed Deposit in Bank of New Zealand	1,400	0	0
Crown Grant Fee received in error	1	0	0	Balance in Bank of New Zealand, Feb. 14, 1893	88	5	0
	£1,662	0	0		£1,662	0	0

FEBRUARY 16, 1893.

T. F. CHEESEMAN, TREASURER.

Examined and found to be correct,

JOHN REID, AUDITOR.

Investments of the Auckland Institute.

	£	s.	d.
COSTLEY BEQUEST—			
On Mortgage on Freehold Security at 6 per cent. ..	4,000	0	0
On Mortgage on Freehold Security at $6\frac{1}{4}$ per cent. ..	650	0	0
Deposited with the Industrial and Provident Building Society at 5 per cent.	1,050	0	0
At Fixed Deposit in various Banks	2,000	0	0
NATHAN BEQUEST—			
Deposited in Auckland Savings Bank	125	16	8
MUSEUM ENDOWMENT—			
On Mortgage on Freehold Security at 7 per cent. £900,			
Less £300 written off for depreciation	600	0	0
On Mortgage on Freehold Security at 7 per cent. ..	270	0	0
Deposited in Auckland Savings Bank at 5 per cent. ..	101	3	8
At Fixed Deposit in Bank of New Zealand	2,400	0	0
INVESTMENT FUND FOR LIFE SUBSCRIPTIONS—			
Deposited in Auckland Savings Bank	173	10	6
	<hr/>		
	£11,370 10 10		
	<hr/>		

T. F. CHEESEMAM,
TREASURER.

Documents examined and found to be in order,

JOHN REID,
AUDITOR.

FEBRUARY 16, 1893.

➤ Additions and Donations ➤

TO THE

LIBRARY AND MUSEUM.

- Parliamentary Papers and Reports; New Zealand Hansard for 1892; New Zealand Statistics; Hudson's Manual of New Zealand Entomology; Official Handbook of New Zealand. The New Zealand Government.
- Annual Report of the Colonial Museum and Laboratory. The Director of the Geological Survey.
- Journal of the Polynesian Society, Nos. I. to IV. The Society.
- Statistics of Tasmania for 1891; Walsh's Tasmanian Almanac for 1893; Tasmanian Official Record for 1892. The Colonial Secretary, Tasmania.
- Victorian Year-Book for 1891-92. The Government Statist, Victoria.
- Proceedings of the Royal Society of Victoria, Vol. III., new series. The Society.
- Publications of the Department of Mines, New South Wales, for 1892. The Department.
- Journal and Proceedings of the Royal Society of New South Wales, Vol. XXV. The Society.
- Reports of the Department of Agriculture, Queensland; Bailey's Lithograms of the Ferns of Queensland. The Department of Agriculture.
- United States Consular Reports. The United States Government.
- Insect Life, parts of Vols. IV. and V.; Illustrations of North American Grasses; The American Fauna, No. V. The United States Department of Agriculture.
- Report of the Missouri Botanical Garden for 1891. The Missouri Botanical Garden.
- Annual Report of the Museum of Comparative Zoology, Harvard, U.S.A. Prof. A. Agassiz.
- Report of the Smithsonian Institution for 1890; Reports of the U.S. National Museum, Vols. XII. and XIII.; Bulletin of the Museum. The Smithsonian Institution.
- Annual Report of the Public Museum of Milwaukee, U.S.A. The Museum.
- Proceedings of the American Association for the Advancement of Science. The Association.
- Annals of the Astronomical Observatory of Harvard College, U.S.A. Eight Vols. The Observatory.
- Reports of the Californian State Mineralogist for the years 1885-90. The State Mineralogist.
- Proceedings of the Nova Scotian Institute of Science, Vol. VII. The Institute.
- Annual Report of the Geological Survey of Canada for 1888-89. The Director of the Geological Survey.
- Monthly Reports of the Observatory of Rio Janeiro, Brazil. The Observatory.
- Monatsbericht der Deutschen Seewarte. The Seewarte.
- Symons's Monthly Meteorological Magazine. The Editor.

- Proceedings of the Royal Colonial Institute for 1891. The Institute.
 Bulletins of the Italian Entomological Society for 1891-92. The Society.
 Publications of the Malacological Society of Belgium for 1890. The Society.
 Twenty-six New Zealand Pamphlets. R. Church.
 Frontier Life in Auckland and Taranaki, by E. S. Brookes. The Author.
 The Colonial Gazette for 1841-42. Purchased.
 British Museum Catalogue of Birds, Vols. XVI., XVII., XX. Purchased.
 The Zoological Record, Vols. for 1890 and 1891. Purchased.
 Philosophical Transactions of the Royal Society for 1891; Proceedings, Nos. 300 to 315. Purchased.
 Transactions of the Chemical Society for 1891-92. Purchased.
 Quarterly Journal of the Geological Society for 1891-92. Purchased.
 Journal of the Royal Agricultural Society for 1891-92. Purchased.
 Journal of the Royal Geographical Society for 1891-92. Purchased.
 British Almanac and Companion, a complete set from the commencement to 1891. H. W. Tinne.
 Copy of the Sydney Gazette of date August 7, 1803; Manuscript of a Code of Laws in the Maori Language, adopted at a meeting held at Tuakau in 1857. C. Marshall.

Skins of *Miro Traversii*, *Gerygone albofrontata*, *Anthornis melanocephala*, *Carpophaga chathamensis*, *Gallinago pusilla*, *Cobalus modestus*, *Phalacrocorax Featherstonii*, and other Chatham Island birds; Skull of *Aphanapteryx*. Purchased.

- 12 New Zealand Bird-skins. F. Combes.
 Skin of *Nesonetta Aucklandica*. R. Bethune.
 Moa Skeleton; Moa Feathers. In exchange from the Canterbury Museum.
 Black Petrel (*Magaquaeus Parkinsoni*). R. Holmes.
 Pied Stilt-Plover (*Himantopus leucocephalus*). R. Black.
 Morepork (*Spiloglaux nova Zeelandiae*). A. Wells.
 Skins of *Estrelata* and other Petrels from the Kermadec Islands; Birds' Eggs from the Auckland and Campbell Islands. Captain Fairchild.
 Black Rat. H. F. Hunt.
 Water Snake (*Platurus scutatus*), washed up alive at Hokianga. J. Webster.
 Sea Snake (*Pelamys bicolor*), from Kandavu, Fiji. R. A. Fraser.
 Tree Lizard (*Hoplodactylus pacificus*). T. Boswell.
 Green Lizard (*Naultinus elegans*). A. Syme.
 Specimens of a large *Patella*, and other Shells from the Kermadec Islands. Captain Fairchild.
 New Zealand Shells. E. B. Moss, C. Spencer, Captain Farquhar, T. F. Cheeseman.
 Large Collection of North American Shells. In exchange from E. W. Roper.
 Vegetable Caterpillars. R. Fraser.
 Mantis sp. J. Munro.
 Collection of 225 Specimens of Butterflies from China. A. Bock.
 Specimen of *Peripatus nova Zeelandiae*. Mr. Dawson.
 Specimens of Granite and Gneissic Rocks from the Upper Waipa. J. Park.
 Section of a Boulder from Whakarewarewa. J. McFadyen.
 Auriferous Quartz and Silver Ores from New South Wales. A. Trelease.
 Collection of Minerals and Ores from California. The Californian State Mining Board.
 Collection of New Zealand Ferns. Miss Clarke.
 Nine Rare Greenstone and other Ornaments; 24 Maori Stone Implements; three Wooden Fern Pounders. E. S. Brookes, jun.
 Collection of Stone Implements from the Chatham Islands, 29 specimens in all. S. Percy Smith.

AIM Ann Report
1892 to 1893

Stone Fishing-weight; three Stone Axes. J. Munro.
Stone Fishing-weight; Carving from the front of a Pataka. J. Martin.
Stone Axe. F. Morton.
Three Stone Axes. P. Bligh.
Stone Axe; small Stone Bowl. Mr. Stott.
Hat made by Ngatiporou Natives from the leaves of Freycinetia. H. D.
Johnson.
Shield and Stone Axe from New Guinea. W. Black.
Silver Coin. A. Simpson.
Two Copper Coins. W. Smyth.
Silver Coin. W. J. Payne.



LIST OF MEMBERS

For the Year Ending March 31, 1893.

[HONORARY AND LIFE MEMBERS DISTINGUISHED THUS*].

- | | |
|------------------------------------|--|
| Adams, J., B.A., Thames | Clark, J. M., London |
| Aickin, G., Auckland | Cochrane, W. S., Auckland |
| Aitken, W., Auckland | Colbeck, Capt., Epsom |
| Aldis, Prof., Auckland | Combes, F. H., Auckland |
| Allen, T., Auckland | Coom, J., C.E., Auckland |
| Argall, W. H., Coromandel | Cooper, C., Auckland |
| Arnold, C., Auckland | Cooper, T., Auckland |
| | Cowie, Right Rev. W. G., D.D.,
Bishop of Auckland |
| Bagnall, L. J., Thames | Cozens, G., Auckland |
| Bakewell, R. H., M.D., Auckland | Craig, E., Auckland |
| Baker, Rev. S. W., Auckland | Cranwell, R., Auckland |
| Ball, T., Onehunga | Cruikshank, D. B., Auckland |
| Ball, W. T., Auckland | Cussen, L., Hamilton |
| Bartley, E., Devonport | |
| Bates, Rev. J., Devonport | Darby, P. Auckland |
| *Bates, T. L., Newcastle, N.S.W. | Davies, Rev. H. S., Northcote |
| Batger, J., Auckland | Davies, W., Whakatane |
| Beere, D. M., C.E., Gisborne | Dawson, F. W. E., M.R.C.S., E.,
Auckland |
| Berry, W., Auckland | Dignan, P. L., Auckland |
| Bourne, C. F., M.A., Auckland | Dignan, Hon. P., Auckland |
| Brett, H., Auckland | Dufaur, E. T., Auckland |
| Brigham, J. M., Auckland | |
| Brock, A., Auckland | Eastham, S., Devonport |
| Brookes, E. S., junr., Wharehine | Edson, J., Devonport |
| Broun, Capt. T., F.E.S., Drury | Ehrenfried, L., Auckland |
| Brown, Prof. F. D., Auckland | |
| Brown, H., Auckland | Farmer, J., London |
| Buchanan, J., Auckland | Fenton, F. D., Kaipara |
| Buchanan, W., Devonport | Fidler, W., Northcote |
| *Buckland, A., Auckland | Firth, J. C., Auckland |
| Buckland, W. F., Remuera | Fowlds, G., Auckland |
| Bull, G. W., Thames | Fox, Sir W., Auckland |
| Burgess, E. W., Devonport | |
| Burton, Col., Lake Takapuna | Garlick, R., Auckland |
| | George, C. S., Auckland |
| Cameron, R., Auckland | Girdler, Dr., Auckland |
| Campbell, H., Auckland | Goldie, D., Auckland |
| Campbell, J. L., M.D., Auckland | Goldsmith, E. C., Gisborne |
| Campbell, Rev. J., Ponsonby | Gorrie, W., Auckland |
| Carr, R. C., Remuera | Grace, L. M., Taupo |
| Cheal, P. E., Auckland | Graham, W. K., London |
| Cheeseman, T. F., F.L.S., Auckland | Gray, A., Remuera |
| Ching, T., Parnell | |
| Choyce, H. C., Auckland | |

AIM Ann Report

1892 to 1893

Haines, C. H., M.D., F.R.G.S.,
Auckland
Haines, H., M.R.C.S., Auckland
Hardie, J., Auckland
Harding, S., C.E., Auckland
Haszard, H. D. M., Auckland
~~Hautain, Hon. Col., Auckland~~
Heinitz, R., Auckland
Henton, J. S., Auckland
Hesketh, E., Auckland
Herbert, T., Parnell
Hill, W. J., Auckland
Hunt, R. R., Auckland
Hunter, A. J., C.E., Auckland

Johnson, H. D., Te Aroha

Kenderdine, J., Auckland
Kidd, A., Auckland
*Kirk, T. F.L.S., Wellington
Kirker, J., Auckland
*Kitt, T. W., Auckland

*Leaf, C. J., F.L.S., F.G.S., London
Lennox, J. M., Auckland
*Lennox, N. G., Sydney
~~Lays, T. W., Auckland~~
Lusher, J. H., Auckland

MacArthur, J. P., London
Mackechnie, E. A., Auckland
Maclean, F. W., Auckland
MacMillan, C. C., Auckland
Mahoney, T., Auckland
Mair, Capt. G., Foxton
Mair, R., Whangarei
Mair, Major W. G., Auckland
Malfroy, C., Rotorua
Martin, J., F.G.S., Auckland
Masfield, T. T., Auckland
*Meinertzhagen, F. M., Napier
McCullough, Hon. W., Auckland
McLachlan, J. M., Auckland
McLaurin, J., Auckland
Mitchell, J., Auckland
Moat, W. P., Mahurangi
Moody, T. P., Kawakawa
Morton, H. B., Auckland
Morrin, T., Auckland
Monro, H. A. H., Parnell
Mueller, G., Auckland
Munro, G. C., Clevedon
Murdoch, D. L., Auckland
Murray, T. L., Thames

Nathan, L. D., Auckland

Orchiston, W., Auckland
Owen, G. B., Auckland

Park, Jas., F.G.S., Thames
Paul, Rev. J. S., Onehunga
Payton, E. W., Devonport
Peacock, T., Auckland
Plumley, E. A., Auckland
Pond, J. A., Auckland
Pond, Professor, Auckland
Purchas, Rev. A. G., M.R.C.S., E.,
Auckland
Purchas, A. C., M.D., Auckland

Rechnagel, R., Thames
Reed, J. R., Kawakawa
Reid, J., Auckland
Robertson, Dr., Auckland
Rose, R., Auckland
Russell, Jas., Auckland
Russell, J. B., Auckland
*Russell, T., London

Sanders, C. W., Parnell
Scheidel, Dr., Thames
Scott West, Rev. R. J., Mt. Eden.
Seddon, W., Rotorua
Seegner, C., Auckland
Shaw, H., Auckland
Shrewsbury, H., Parnell
Simpson, F., Whangarei
Sinclair, A., Auckland
Skeet, W. H., Auckland
Smith, A. A., Auckland
Smith, H. G. S., Wellington
*Smith, S. P., F.R.G.S., Wellington
Smith, T. H., Auckland
Steel, T., Melbourne
Stewart, J., C.E., Auckland
Sylow, P., Chelsea

Thomas, Professor, A.P.W., F.L.S.,
Auckland

*Tinne, H., London
Tinne, T. F. S., London

Upton, J. H., Auckland
Urquhart, A. T., Karaka

Vaile, S., Auckland

Wade, H. G., Auckland
Walsh, Rev. P., Waimate
Webster, J., Hokianga
*Weetman, S., F.R.G.S., New
Plymouth

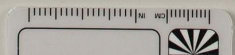
Wildman, W., Auckland
Will, W., Auckland
Williams, T. O., M.D., Thame
Williams, Ven. Archdeacon W. L.,
Gisborne
Williamson, C., Auckland

Wilson, H. M., Warkworth
Wilson, W. S., Auckland
Winks, J., Parnell
*Withy, E., Remuera
Worthington, H., Auckland
Wright, G. W., Auckland

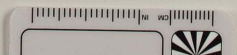
Stucke J. J.



AIM Ann Report
1892 to 1893



AIM Ann Report
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AIM Ann Report
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